

CODE ANALYSIS

APPLICABLE CODES

	Year		Year
International Building Code	2006	National Electrical Code	2006
International Mechanical Code	2006	Uniform Code for	
International Plumbing Code	2006	Building Conservation	
International Fire Code	2006	ADA Accessibility	
International Energy		Guidelines	ICC/ANSI 117.1 1998
Conservation Code	2006		

A. Occupancy and Group: UNLIMITED MALL BUILDING

Change in Use: Yes No Mixed Occupancy: Yes No
 Special Use and Occupancy (e.g. High Rise, Covered Mall): UNLIMITED MALL BUILDING

B. Seismic Design Category: D Design Wind Speed: 90 mph

C. Type of Construction (circle one):

I A I B II A II B III A III B IV HT V A V B

D. Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours):

North: South: East: West:

E. Mixed Occupancies: Nonseparated Uses:

F. Sprinklers:

Required: Provided: Type of Sprinkler System:

G. Number of Stories: 1 Building Height: 18'

H. Actual Area per Floor (square feet): NO ADDED SQUARE FOOTAGE

I. Tabular Area: UNLIMITED MALL BUILDING

J. Area Modifications:

$$a) A_a = A + \left[\frac{A_1 I_1}{100} \right] + \left[\frac{A_1 I_2}{100} \right] \quad I_1 = 100 \left[\frac{F}{P} - 0.25 \right] \frac{W}{30}$$

b) Sum of the Ratio Calculations for Mixed Occupancies:

$$\frac{\text{Actual Area}}{\text{Allowable Area}} \leq 1$$

c) Total Allowable Area for:

- One Story:
- Two Story: A₂(2)
- Three Story: A₃(3)

d) Unlimited Area Building: Yes No Code Section: 401

K. Fire Resistance Rating Requirements for Building Elements (hours).

Fire-Resistive Requirements:	Type: II-B
Bearing walls - Interior:	0
Exterior Non-Bearing Walls:	0
Structural Frame:	0
Partitions:	1
Shafts:	1 Hr.
Floors - Ceilings:	0
Roofs - Ceilings:	0

L. Design Occupant Load: NO ADDED OCCUPANT - NO ADDED SQUARE FOOTAGE

Exit Width Required: N/A Exit Width Provided: N/A

M. Minimum Number of Required Plumbing Facilities:




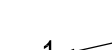
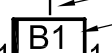










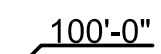


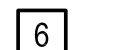
- Water Closets - Required (m) N/A (f) Provided (m) (f)
- Lavatories - Required (m) N/A (f) Provided (m) (f)
- Bath Tubs or Showers: N/A
- Drinking Fountains: N/A Service Sinks:

FOOTNOTES:


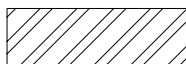
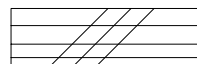
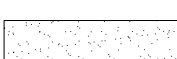
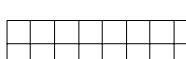
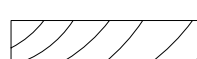
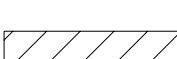

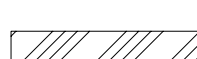

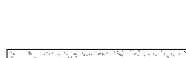

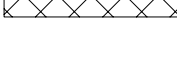
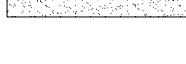

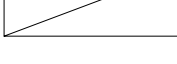

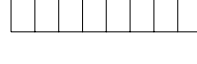
- In case of conflict with the U.S. Department of Justice Federal Registers Parts I through X - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.
- Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to:
 - High Rise Requirements.
 - Atriums.
 - Performance Based Criteria.
 - Means or Egress Analysis.
 - Fire Assembly Locator Sheet.
 - Exterior and Interior Accessibility Route.
 - Fire Stopping, Including Tested Design Number.

PROJECT TEAM	
OWNER: DFCM Mike Ambre Project Manager 4110 State Office Building Salt Lake City, UT 84114 phone (801) 209.9104	ARCHITECT: AXIS ARCHITECTS David Anderson 352 S. Denver Street Salt Lake City, Utah 84111 phone (801)355-3003 fax (801)355-0113
USER: UVU James L. Michaelis Director of Facilities 800 West University Parkway Orem, Utah 84058-5999 phone (801)863-8130	

SYMBOL LEGEND

ROOM NAME 	ROOM NUMBER 1ST DIGIT INDICATES FLOOR
	DOOR NUMBER HARDWARE GROUP
	FRAME NUMBER DOOR TYPE
	NORTH WALL FINISH BASE FINISH
	FLOOR FINISH
FINISH SYMBOL	
	T.O. ELEV. = ELEVATION MARKER
	MATCH LINE LINE MATCH SYMBOL
	AREA 1
	AREA 2
	A1 A100 DETAIL REFERENCE
	A1 A100 EXTERIOR ELEVATION
	A1 A100 INT. ELEVATION SYMBOL
	A GLAZING TYPE
	A1 A100 BUILDING SECTION
	A1 A100 WALL SECTION
	100'-0" SPOT ELEVATION MARKER
	1 WINDOW NUMBER
	ACT 8'-0" CEILING TYPE AND HEIGHT
	6 WALL TYPE

GRAPHIC SYMBOLS


	EARTH		STEEL		PLYWOOD
	CEMENTITIOUS BACKER BD.		RIGID INSULATION		WOOD FINISH
	CMU		ASPHALT PAVING		ALUMINUM
	BRICK		DENSGLASS SHEATHING		BATT INSULATION
	WOOD BLOCKING		GRAVEL		CERAMIC TILE
	WOOD FRAMING		CONCRETE		GYPSSUM SHEATHING

DRAWING INDEX	
GENERAL	
G1101	GENERAL INFORMATION
ARCHITECTURAL	
AE101	SPARKS AUTOMOTIVE
AE102	BROWNING ADMINISTRATION
AE601	DETAILS

NOTE: THE SHEETS LISTED ABOVE REPRESENT A FULL SET OF CONSTRUCTION DOCUMENTS AND INCLUDE A DETAIL BOOK AND A PROJECT MANUAL AND SHALL NOT BE SEPERATED. ANY CONTRACTOR, SUBCONTRACTOR, VENDOR OR ANY OTHER PERSON PARTICIPATING IN OR BIDDING ON THIS PROJECT SHALL BE RESPONSIBLE FOR REVIEWING ALL THE CONSTRUCTION DOCUMENTS INCLUDING BUT NOT LIMITED TO DRAWINGS, DETAILS, PROJECT MANUAL, SPECIFICATIONS AND ANY AND ALL ADDENDA ISSUED.

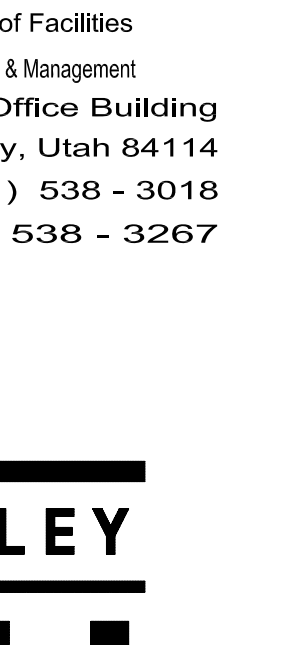
State of Utah

Department of Administrative Services



Division of Facilities
Construction & Management

4110 State Office Building
Salt Lake City, Utah 84114
Phone: (801) 538 - 3018
Fax: (801) 538 - 3267



ENGINEERING, FACILITIES PLANNING & CONSTRUCTION
DEPARTMENT

APPROVALS

Prime Agency	Date
DFCM	Date

APPROVAL DOES NOT RELIEVE A/E OF DESIGN LIABILITY

Orem, Utah
2008-02-12
DFCM PROJECT #08306790

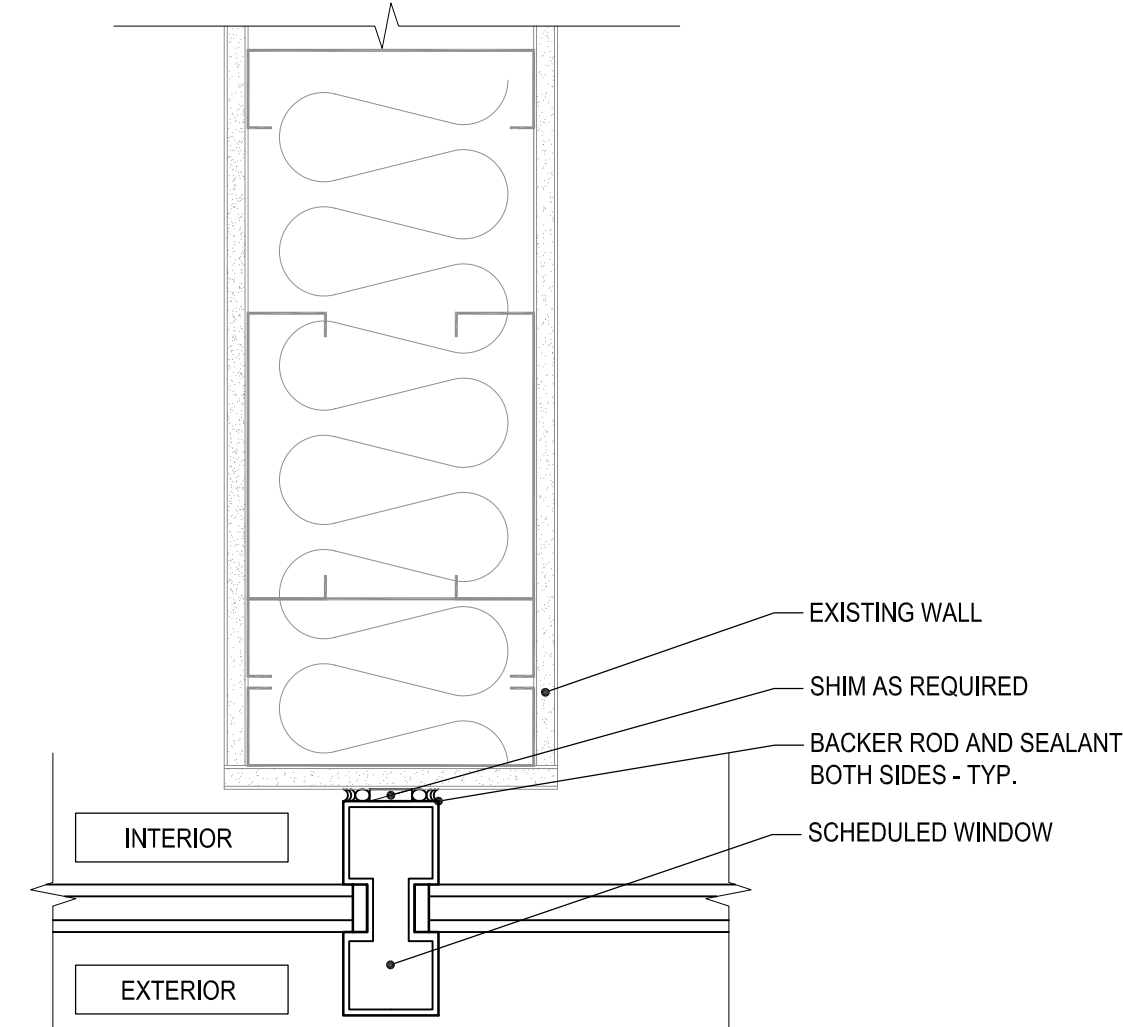
Orem, UT
Construction Documents

AXIS JOB # 0821
OWNER # 08306790
DATE 02-12-2008
DRAWN .
CHECKED .

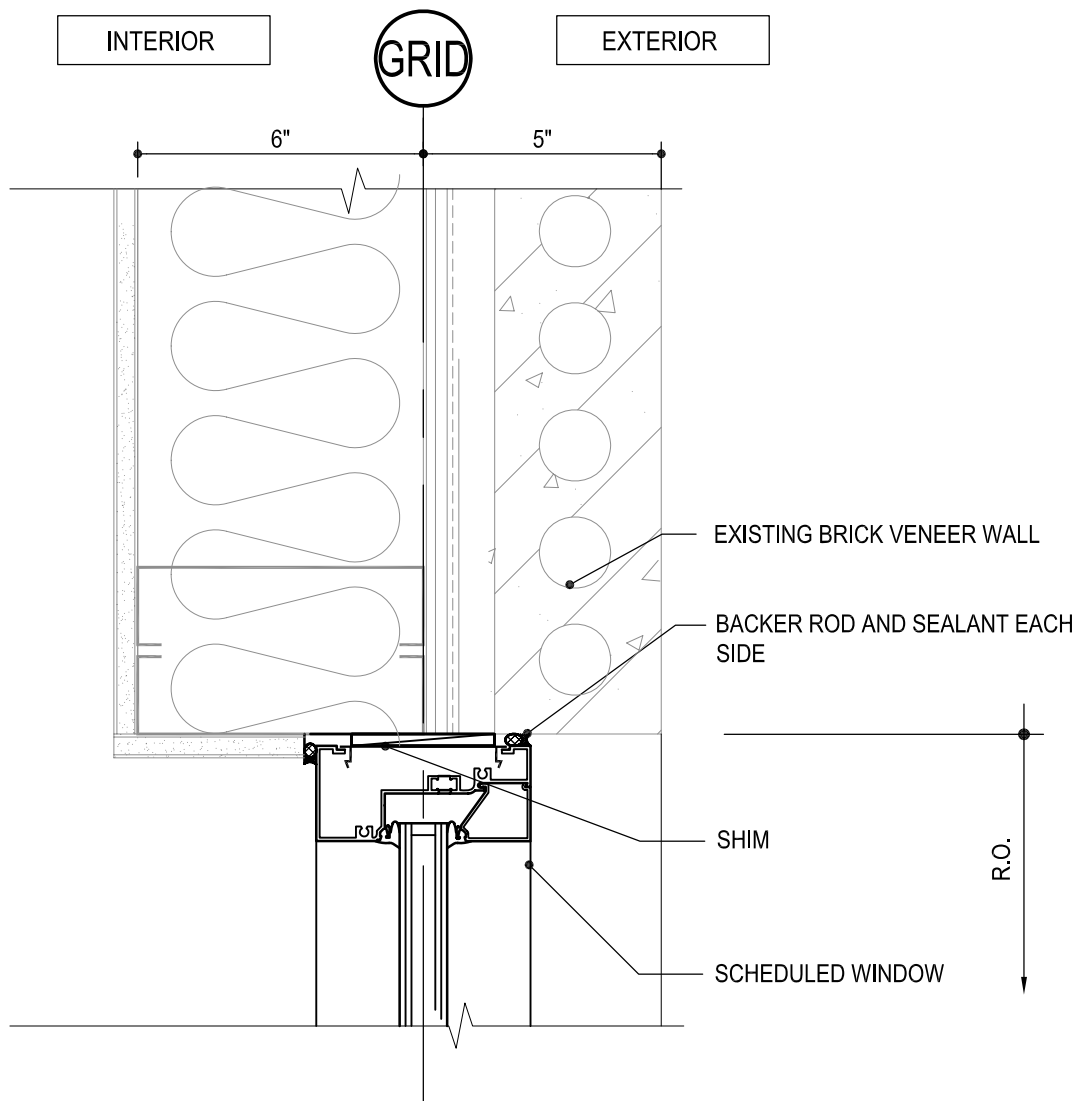
GI101

P:\30568621-AE601-UVU Window Replacement\AE601.dwg 2/17/2008 1:04:52 AM David Anderson, AIA, LEED AP

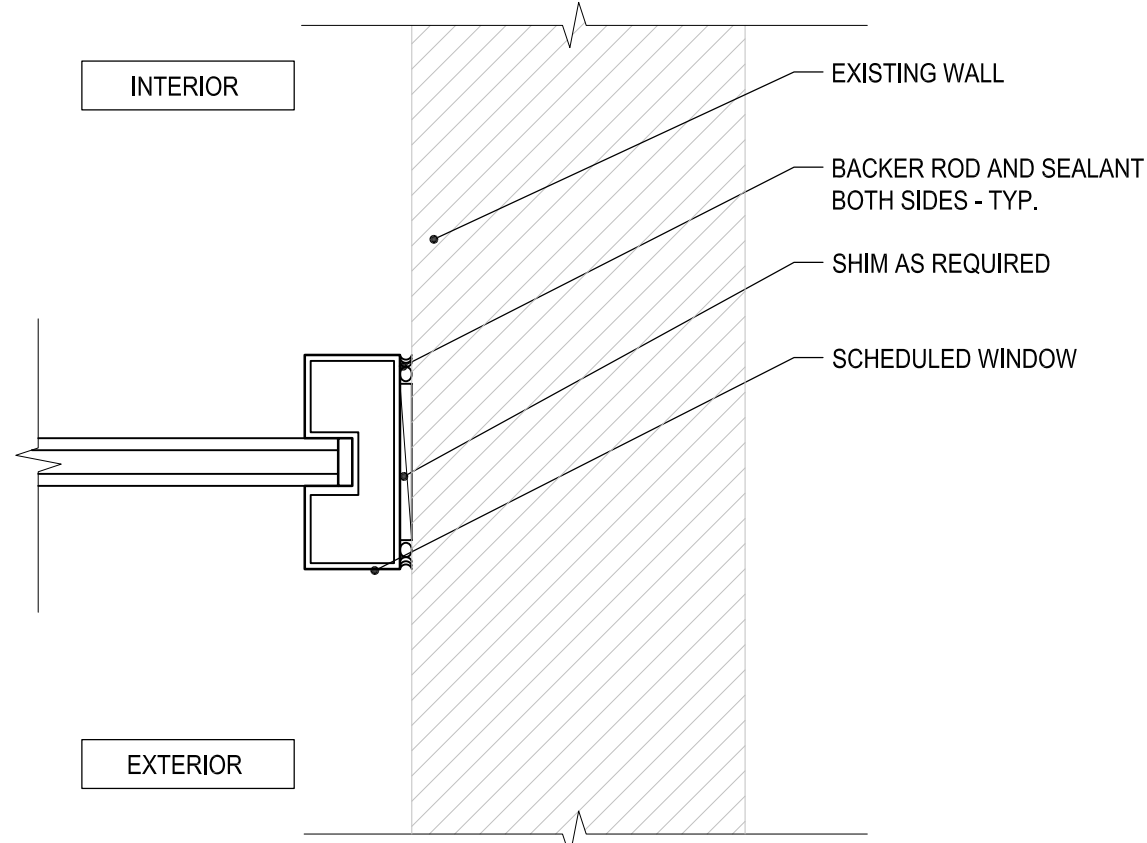
NOTE: CONTRACTOR TO PATCH AND REPAIR ALL DAMAGE CAUSED BY DEMOLITION AND/OR NEW CONSTRUCTION.



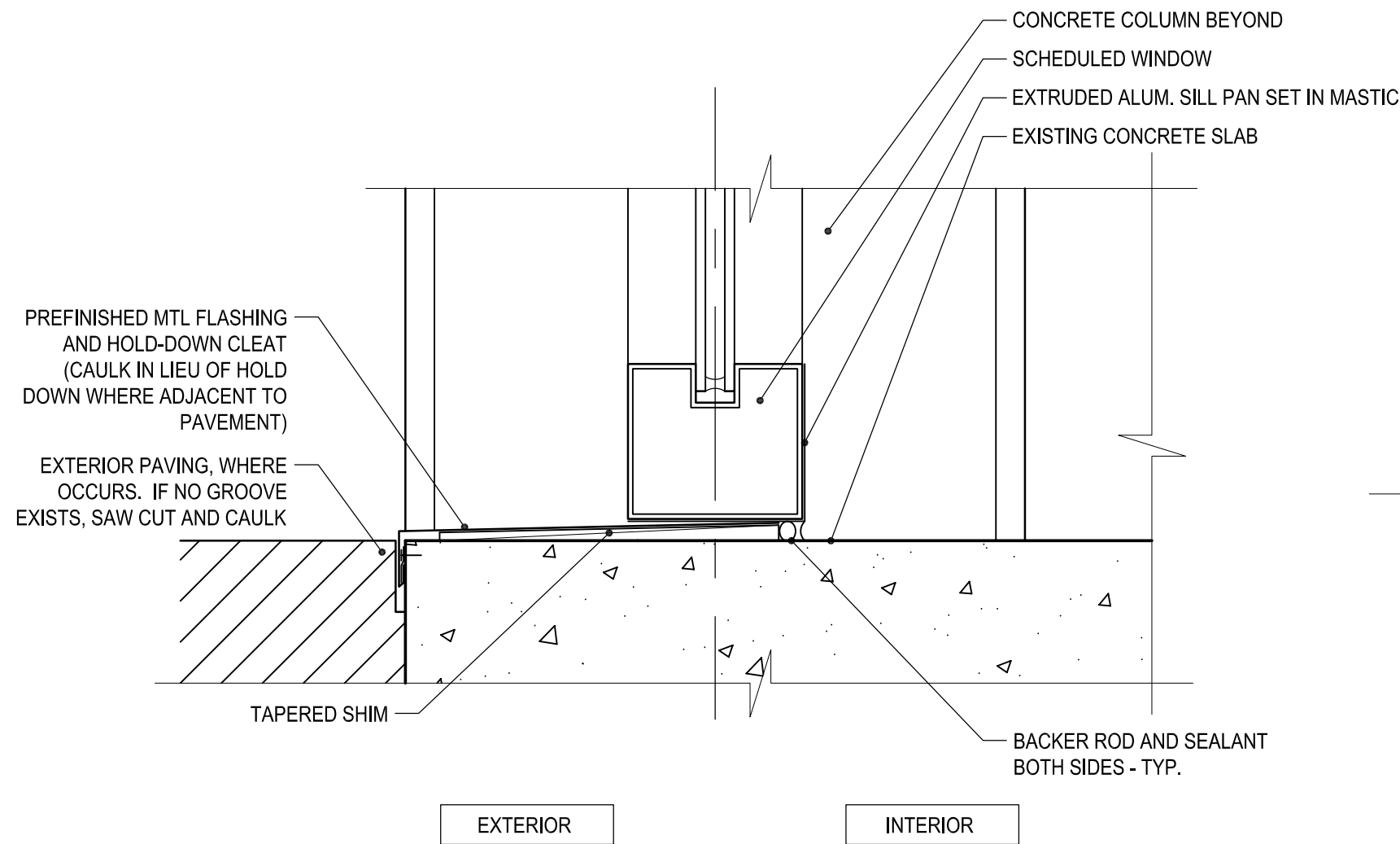
A1 PERP. WALL BEYOND
SCALE: 3/8"=1'-0"



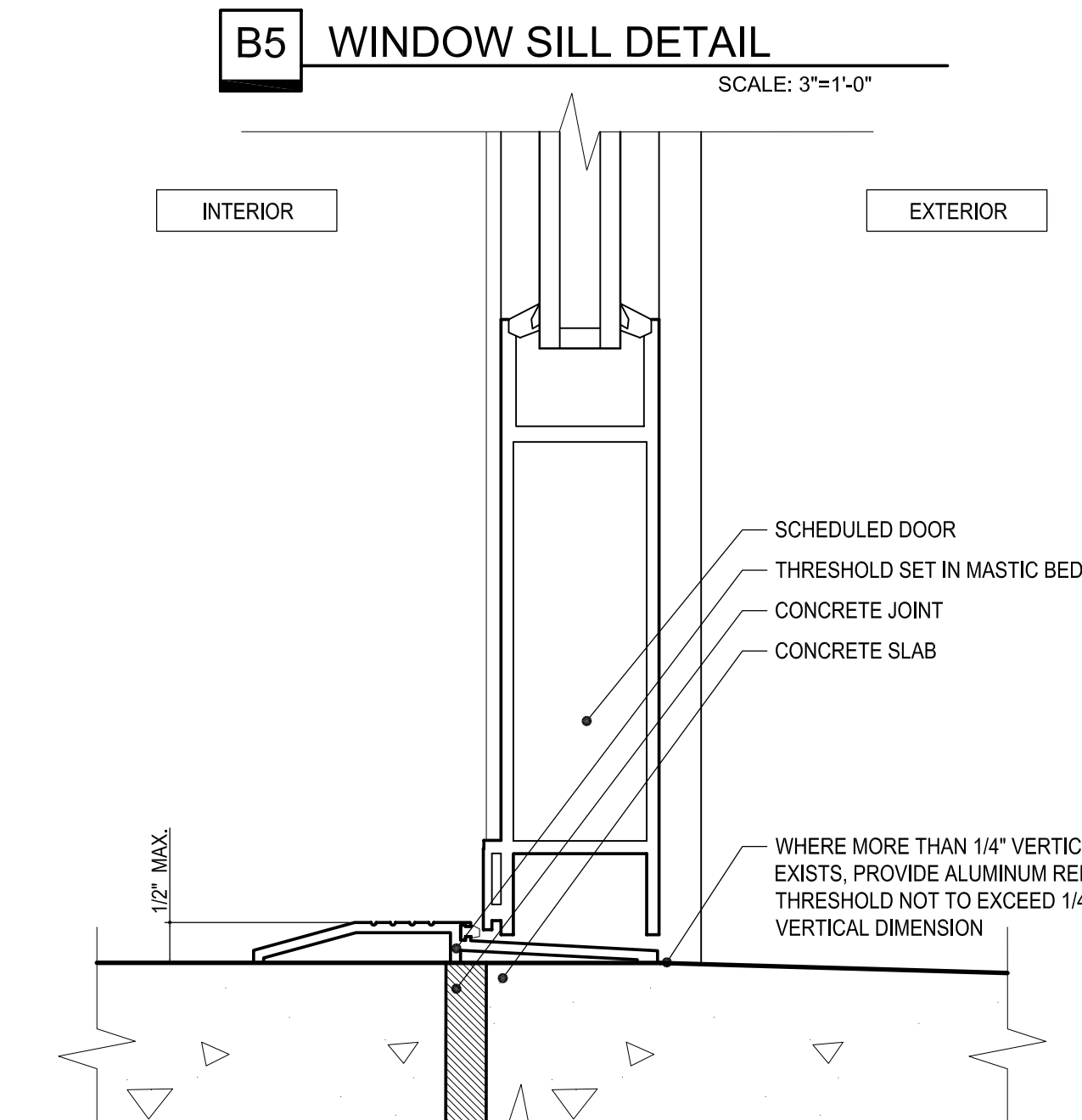
B2 JAMB AT BRICK
SCALE: 3/8"=1'-0"



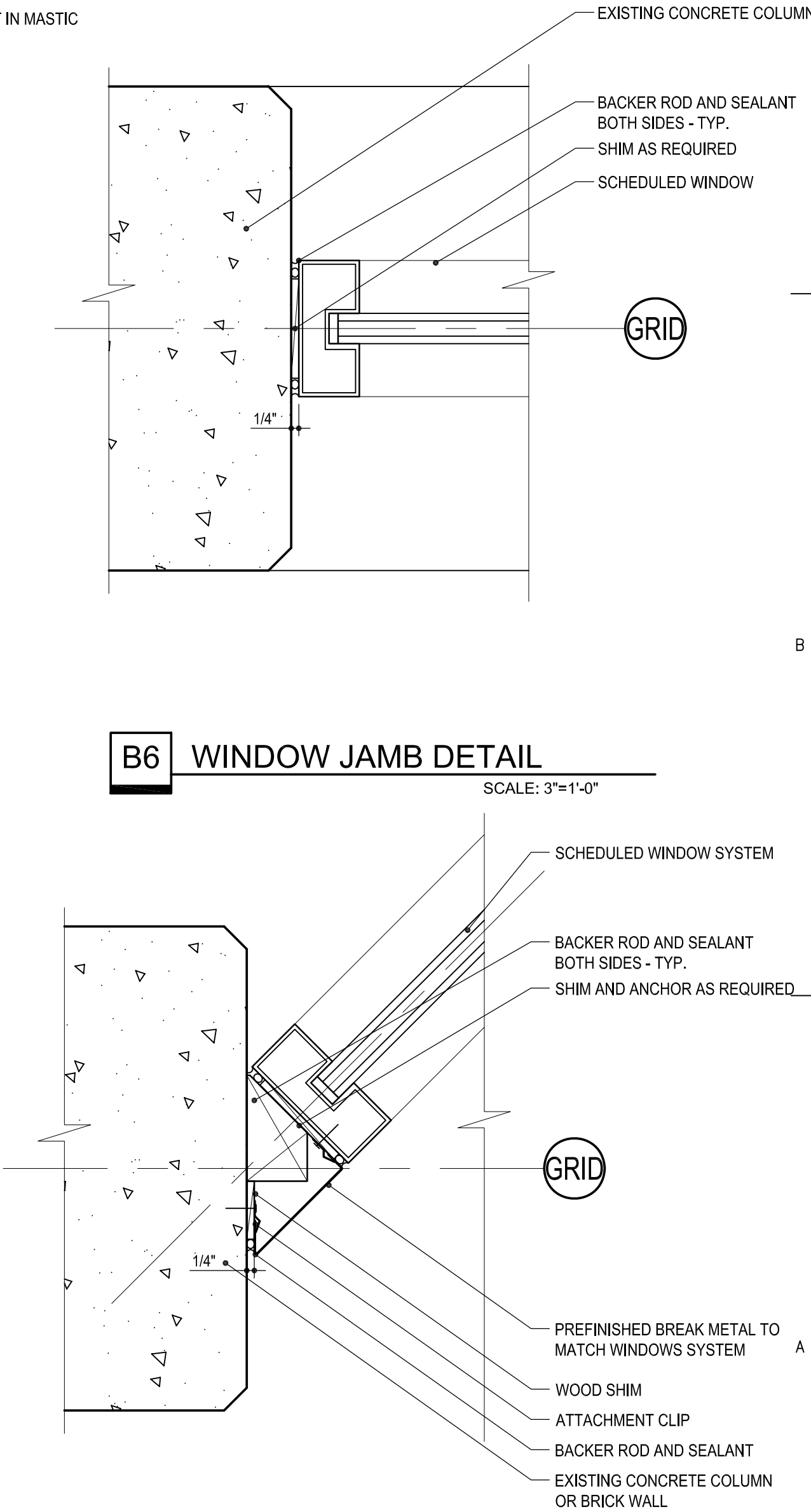
A3 JAMB AT PERP. EXISTING WALL
SCALE: 3/8"=1'-0"



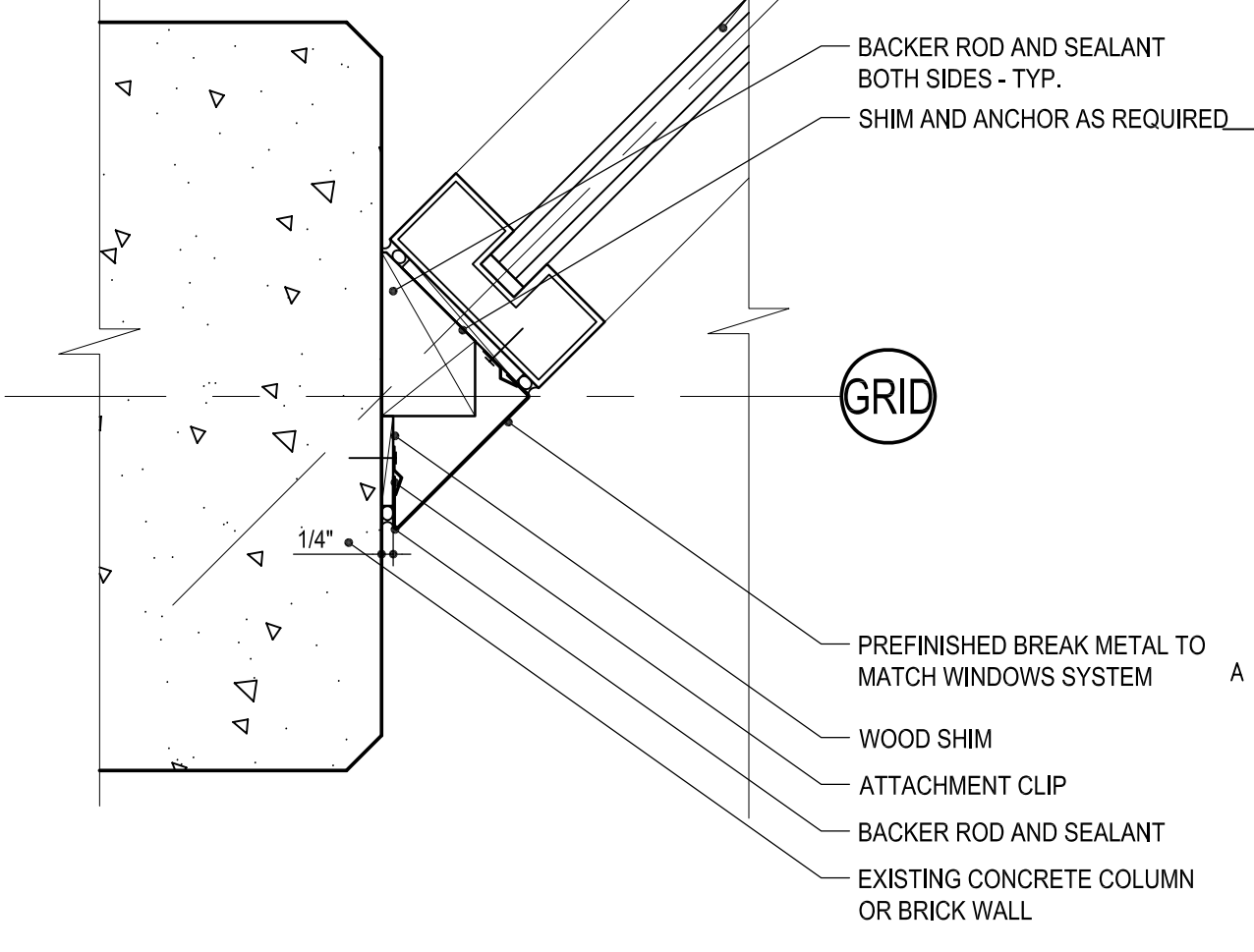
C5 WINDOW HEAD DETAIL
SCALE: 3/8"=1'-0"



B5 WINDOW SILL DETAIL
SCALE: 3/8"=1'-0"



B6 WINDOW JAMB DETAIL
SCALE: 3/8"=1'-0"



A5 THRESHOLD DETAIL
SCALE: 6/8"=1'-0"

A6 JAMB AT 45 DEGREE
SCALE: 3/8"=1'-0"

UVU Window Replacement Phase II Orem, UT

Revision #	Date
1	08/21/2008
2	08/21/2008
3	08/21/2008
4	08/21/2008
5	08/21/2008
6	08/21/2008
7	08/21/2008
8	08/21/2008
9	08/21/2008
10	08/21/2008
11	08/21/2008
12	08/21/2008
13	08/21/2008
14	08/21/2008
15	08/21/2008
16	08/21/2008
17	08/21/2008
18	08/21/2008
19	08/21/2008
20	08/21/2008
21	08/21/2008
22	08/21/2008
23	08/21/2008
24	08/21/2008
25	08/21/2008
26	08/21/2008
27	08/21/2008
28	08/21/2008
29	08/21/2008
30	08/21/2008
31	08/21/2008
32	08/21/2008
33	08/21/2008
34	08/21/2008
35	08/21/2008
36	08/21/2008
37	08/21/2008
38	08/21/2008
39	08/21/2008
40	08/21/2008
41	08/21/2008
42	08/21/2008
43	08/21/2008
44	08/21/2008
45	08/21/2008
46	08/21/2008
47	08/21/2008
48	08/21/2008
49	08/21/2008
50	08/21/2008
51	08/21/2008
52	08/21/2008
53	08/21/2008
54	08/21/2008
55	08/21/2008
56	08/21/2008
57	08/21/2008
58	08/21/2008
59	08/21/2008
60	08/21/2008
61	08/21/2008
62	08/21/2008
63	08/21/2008
64	08/21/2008
65	08/21/2008
66	08/21/2008
67	08/21/2008
68	08/21/2008
69	08/21/2008
70	08/21/2008
71	08/21/2008
72	08/21/2008
73	08/21/2008
74	08/21/2008
75	08/21/2008
76	08/21/2008
77	08/21/2008
78	08/21/2008
79	08/21/2008
80	08/21/2008
81	08/21/2008
82	08/21/2008
83	08/21/2008
84	08/21/2008
85	08/21/2008
86	08/21/2008
87	08/21/2008
88	08/21/2008
89	08/21/2008
90	08/21/2008
91	08/21/2008
92	08/21/2008
93	08/21/2008
94	08/21/2008
95	08/21/2008
96	08/21/2008
97	08/21/2008
98	08/21/2008
99	08/21/2008
100	08/21/2008

DETAILS

AE601